



PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE#105
5/10/04ATTY. DOCKET NO.
21154.CIP2SERIAL NO.
10/775,543

LIST OF PRIOR ART CITED BY APPLICANT

APPLICANT Chien-Min Sung

FILING DATE
2/9/04

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MSP	A1	2002/0023733	02-28-02	Hall et al.			
	A2	1,382,080	01-29-75	Vereschagin et al.			
	A3	3,574,580	04-13-71	Stromberg et al.			
	A4	3,678,995	07-25-72	Collard			
	A5	3,828,848	08-13-74	Custers et al.			
	A6	3,872,496	03-18-75	Potter			
	A7	3,912,500	10-14-75	Vereschagin et al.			
	A8	3,913,280	10-21-75	Hall			
	A9	3,949,263	04-06-76	Harper			
	A10	4,231,195	11-04-80	DeVries et al.			
	A11	4,576,224	03-18-86	Eaton et al.			
	A12	4,649,992	03-17-87	Geen et al.			
	A13	4,948,388	08-14-90	Ringwood			
	A14	5,070,936	12-10-91	Carroll et al.			
	A15	5,120,495	06-09-92	Supan et al.			
	A16	5,130,771	07-14-92	Burnham et al.			
	A17	5,382,314	01-17-95	Jin			
	A18	5,614,320	03/25/1997	Beane et al.			
	A19	5,642,779	07-01-97	Yamamoto et al.			
	A20	5,696,665	12-09-97	Nagy			
	A21	5,719,441	02-17-98	Larimer			
	A22	5,719,441	02-17-98	Larimer			
	A23	5,783,316	07-21-98	Colella et al.			
	A24	5,786,075	07-28-98	Mishuku et al.			
	A25	5,895,972	04-20-99	Paniccia			
	A26	6,031,285	02-29-00	Nishibayashi			
↓	A27	6,167,948	01-02-01	Thomas			
MSP	A28	6,238,454	05-29-01	Polese et al.			

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EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MDP	A29	6,264,882	07-24-01	Colella et al.			
	A30	6,270,848	08-07-01	Nishibayashi			
	A31	6,335,863 B1	01-01-02	Yamamoto et al.			
	A32	6,337,513 B1	01-08-02	Clevenger et al.			
	A33	6,361,857	03-26-02	Saito et al.			
	A34	6,390,181	05-21-02	Hall et al.			
	A35	6,413,589	07-02-02	Li			
	A36	6,448,642	09-10-02	Bewley et al.			
	A37	6,448,642	09-10-02	Bewley et al.			
✓	A38	6,517,221	02-11-03	Xie			
MDP	A39	6,538,892	03-25-03	Smalc			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

MDP	A40	Horton, M. D., B. J. Pope and H. T. Hall, "Sintered Diamond," INTERNATIONAL INDUSTRIAL DIAMOND ASSOCIATION SYMPOSIUM, WASHINGTON, D. C. (1974).
MDP	A41	Pope, B. J., M. D. Horton , H. T. Hall, L. S. Bowman and H. Adaniya, "Sintered Diamond: Its Possible Use as a High Thermal Conductivity Semiconduction Device Substrate," PROC. 4TH INTERNATIONAL CONFERENCE ON HIGH PRESSURE (AIRAPT), Kyoto, Japan (1974).
MDP	A42	Hall, H. Tracy, "Sintered Diamonds," SCIENCE, Vol 169, August 28, 1970.
MDP	A43	Materials Science & Engineering B41 (1996) 261-266 Fabrication & characterization of diamond/copper composites for thermal management substrate applications.

EXAMINER	DATE CONSIDERED
<i>James B. Clegg</i>	4/30/2005

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.